



Standard Scrap

ILD 045698263

11-4-92

Sampling Team

Mark Weber - Project Manager

Tom Crause - Sampler

Kim Niba - Sampler

Stella Murphy - Chain of Custody

Quay Triller - Lab Bank

Weather: Overcast, partly sunny

Approx 40° C. humidity

Arrived at site approx. 10:30 AM

J. Crause + M. Weber had interview  
with Steve + Buddy Cobin, explained  
sampling objectives + Superfund programs

Sampling team proceeded to West Lot

Sol / Org. Cooler, X101 - X108 opened 10:55 AM

by M. Weber. Dioxin + Inorg. Coolers opened 11:05 AM

by M. Weber

J. Crause used Oxyford auger to make  
smaller trowel to screen pile.

HNU (operated by K. Niba) showed reading  
of 5.5 units above background level (1 unit) in  
test hole

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Sample X101 collected by J. Crause +  
K. Tuba using 3" hand auger

Depth: 6" - 12" Time: 11:10 AM

~~Sample~~ <sup>Parent</sup> material is dark brown silt with  
black-stained material below.

First filled dioxin jar with sample  
material being transferred directly  
from auger into jar.

Sample material has petroleum odor

Next filled organic jar

Next filled volatile jar some gravel

Next filled inorganic jar

M. Ullrich monitored w/ HNU during  
sample collection. He racing along background

Photos taken in M. Ullrich

Photo 1 Roll 1 toward N (11:20 AM)

Photo 2 Roll 1 toward S w/ HNU  
in background. (11:21 AM)

Sample X101 collected 95' N and 4.5' E  
of NW corner of Hartbath Bldg.

During sampling/screening  
large trucks entered the West lot to  
be weighed on the scale + then left.

Samples X102 + X103

X102 + X103 on duplicates

Parent material is brown to dark brown

soil with foreign debris

Used auger + pick-axe to break up soil

At 2"-4" encountered tan-like substance  
 sample material removed by pick-axe <sup>by T. Crause</sup>  
 put in trays + mixed by hand  
 (K. Niba)

Depth: 4" to 8"

\* Time: 11:40 AM

Hand was used by K. Niba prior to  
 actual sample collection. Soil hole

- reaching approx 1 unit above backstop.

Removed sample material from trays

by hand, by J. Crause + filled sample jars

First filled 2 jars (X102 + X103)

Next filled ~~volatile~~ <sup>BNA</sup> organic jars (X102 + X103)

Next filled inorganic jars (X102 + X103)

Next filled volatile jars (X102 + X103)

Photos taken by K. Niba

Photo 3 Roll 1 ~~toward~~ } New film put in

Photo 4 (Roll 2) ~~toward~~ } camera

Photo 1 Roll 2 toward N 12:20 pm Rail Rd + backstop

Photo 2 Roll 2 toward S 12:23 pm Heathbath

Samples X102 + X103 collected 29' N and

3' E of NW corner of Heathbath bldg

\* Sample jars for X102 marked 11:40 AM + sample jars X103  
 are labeled 11:50 AM in order to prevent any  
 bias from lab performing analysis

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Sample X104

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Collected at 9" to 15" Time: 1:00 pm

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Augered (bucket auger) through ~9" gravel then reached parent material brown silty loam w/ black foreign substance.

J. Cruise used bucket auger to collect sample material. Sample material

transferred directly from auger into sample jar by J. Cruise + K. Nika

First filled dioxin jar. Next filled - volatile jar, ~~or~~ organic jar +

4)

inorganic jar.

5)

HNU readings prior to sample collection of 1.5 units above background - note.

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Sample X104 Photo up N. side

Photo Roll (5" site photo) toward S 1:13 pm

Photo Roll (6" site photo) toward S 1:15 pm

Sample X104 collected 73' N - 3' E  
 of NE corner of Health Bldg.

At approx 1:30 pm sampling team  
 broke for lunch.

Wheat lot is dirt/gravel

At 3:00 pm pumping team returned to site, ~~the~~ J. Crause spoke with Steve + Buddy Cohen who stated they had not yet been in contact with their attorney + asked that the IEPA team return the next morning (Thurs 11-5-92). Sampling team then proceeded to alley way north of East lot

Sample X105 collected in residential area - back yard (3947 S Wells)

Sample collected by J. Crause + K. T. Depta: 1" to 3" Time 3:30 pm

Sample material in clear plastic bag + sample material collected in stainless steel + transferred directly from into ~~sample jar~~ sample jar. First the down jar filled then semi-volatiles, inorganic jar + volatiles

Sample collected approx. 60' E of NE corner of residence - 3947 S Wells

Photo documented by M. White

Photo 7 toward N at 3:27 pm

Photo 8 toward W at 3:30 pm

Sample X106

located in second lot immediately NW of residence located at 3932 Wentworth

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Sample material collected by  
J. Crause with 3" stainless trowel  
& transferred directly into sample  
jars from trowel. K. Nika assisted  
with sample collection.

Depth: 2' to 3" Time 3:30 pm

First filled diatom jar  
Dark brown-black silty, coarse  
encountered upon removal of  
top 1" of greasy material

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Next filled inorganic jar

5)

Next filled organic jar

Next filled volatile jar

6)

Photo documented by M. Weber

Photo 9 toward N w/ Pershing Rd in background  
3:45 pm

Photo 10 toward SE w/ Residence 3932 Winton  
in background 3:48 pm

X106 approx. 87' S + 72' W of  
NW corner of residence 3932  
Winton<sup>th</sup>

At 3:55 pm sample coolers were  
sealed (temporary seals) by S. Murphy  
& sampling ceased for the day

11-5-92

Standard Scrap

Screening Site Inspection

Continued from 11-4-92

Sampling team arrived at site 9:15 AM

Weather:  $-35^{\circ}$ , Overcast, snow

J. Crause

All three covers that were temporarily raised yesterday are opened (by S. Murphy) at 9:30 AM

Sample X107 collected 9:50 AM by J. Crause + K. Nica in front yard of 3918 Wells Ave (Kirkwood residence).

Removed top layer of soil/grass. Sample material is dark brown to black loam taken from 1" to 3". Sample material transferred ~~to~~ from stainless trowel into sampling jars. First jar filled was clean. Next filled inorganic jar, organic jar + then volatiles.

Photo documented but M. Wilson  
Photo 11 toward N w/ Pershing Rd  
in track and.

Photo 12 toward SW w/ Kirkwood residence  
in track and

Sample X107 15' N + 12' E of NE  
corner of Kirkwood residence

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Sample X108 collected at ~10:15 AM  
 from <sup>back</sup> yard of Joseph Grayson residence  
 Sample collected by Tom Crause + K. De  
 w/ stainless trowel. Removed  
 12" by 12" area of grass, encountered  
 black loam material. Sample material  
 (the black loam) was transferred from  
 trowel directly into sample jars  
 First filled clean jars, then  
 inorganic, organic + volatiles

4.

Depth 1" to 3" Time 10:15 am

5.

Photo documented by M. Welles  
 Photo 13 toward N, with Perotung Rd  
 in backyard 10:20 am

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Photo 14 toward W with Joseph  
 Grayson residence in backyard.

Sample X108 collected 53.5' E and  
 2' S of NE corner of Joseph Grayson -  
 residence (3953 S. Princeton)

J. Iniller spoke with Joseph Grayson.  
 He gave the address 3953 S. Princeton  
 He stated that the facilities (Standard Sewer)  
 next door used to burn material. He  
 stated he didn't know if they presently  
 burn anything. Material he said that  
 when they used to burn material.

some material would cover his yard. He stated that this material ~~was~~ looked like tin foil - small pieces + it was brittle. He also said there were two explosions on west side of facility (next to his house) + one from east side. He didn't think there was an emanation of or next to, but they stored magnesium there, which easily catches fire. [He said he believed the material that would cover his yard was magnesium. Stated he used to work around magnesium also.]

He stored magnesium on west side. It blew up, blew out his windows. Knew Cohen (one of them) for nearly 30 years. He said he didn't complain about these activities + the material covering his yard because the facility employed people who had little education.

Mr. Grayson stated that some of the areas of his yard had been re-worked / disturbed (he had to dig up a broken water line) but indicated that the sample area had not been disturbed.

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Inorganic + Organic coolers (x109-x115)  
were opened 10:15 AM by ~~P. Thompson~~  
M. Weber

Inorg. + Organic coolers (x101-x108)  
were sealed at 10:25 AM by M. Weber

Sample x109 was collected by  
J. Crause + K. Tika at 10:30 AM

Sample x109 collected track yard  
of residence located at 3941 Wells St.

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Removed approx 10" by 10" area of  
grass + encountered black loam  
below. Sample collected was this  
black loam.

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Depth: 1" to 3" June 10:30 AM

Sample material was transferred  
directly from stainless trowel  
(used to collect sample material) onto  
sampling jar. Division jar was  
filled first with inorganic jar  
organic jar + volatile jar following  
Photo documented by J. Crause  
Photo 15 toward N w/ Pershing Road  
in backyard

Photo 16 toward W with residence at  
3941 Wells St in backyard

Sample x109 collect 11' S + 25' E of NE  
corner of 3941 Wells St residence

Sample X110 was collected by  
 J. Crause + K. Nira on east lot  
 from a pile (apparently incinerator ash)  
 located on concrete pad located in  
 NE corner of East lot at approx 11:10 AM  
 Sample material is dark brown, ash-like  
 taken from NW portion of pile near location  
 Sample collected with a stainless  
 trowel + transferred directly from  
 trowel into sample jars.  
 Known sample jar filled first, then  
 inorganic jar, organic jar + volatile jar  
 Photo documented by M. Weber  
 Photo 17 towards E w/ waste pile  
 Photo 18 toward S w/ facility in background.

Pile is measured as 46' wide  $\frac{1}{32}$   
 67' long. Sample collected approx.  $\frac{1}{32}$ ' S of NE  
 corner of west lot + 48' west of NE corner of east lot  
 Photo 19 toward N by M. Weber  
 photo scrap used  
 Photo 20 toward N by M. Weber  
 photo scrap used

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Sample XIII collected by J. Crouse +  
K. Dika in NW corner of east lot -  
of facilities. Sample collected with  
hand auger. Encountered brown loam  
material with debris + blue/green <sup>granular</sup> material  
from 0" to 6" + then below

Depth: 6" to 12" Time: 11:30

Sample material was. Irons fused  
directly from auger to sample jar  
with down jar filled first, followed  
by inorganic jar, organic jar +  
volatile jar

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Photo documented by M. Weber

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Photo 21 toward

Photo 22 toward gal at sample point

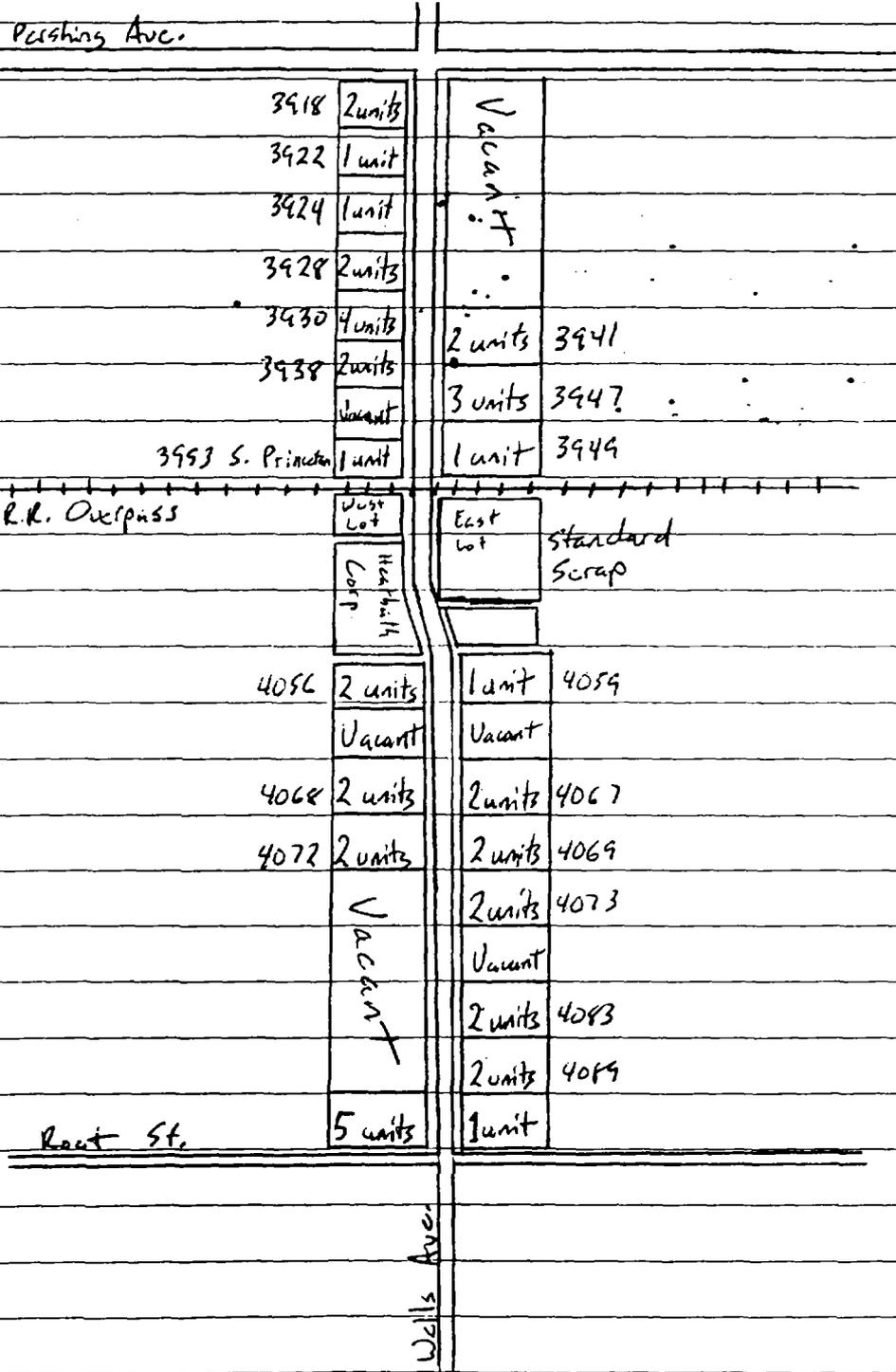
Photo 23 toward W at 12:10

Photo 24 toward W at 12:12

Sample pt is 11.5" <sup>S</sup> + 36' E of  
utility pole located in NW corner  
of east lot.

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M. Teleka provided to field-verify  
 the existence of residences + buildings  
 on the 3900 block of Wells



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Sample X112 collected by J Crause  
 + K. Dika in front yard of 4059 S Ulles  
 Remained - 12" x 12" section of grass (~1")  
 encountered dark brown foam below  
 which was collected using stainless  
 trowel. Sample material was transferred  
 from the trowel directly into sample jars  
 First, clean jar filled, then inorganic  
 jar, organic jar + volatile jar  
 Depth 1" to 3" Time: 12:40 pm  
 Sample collected approx. 1' S and  
 6' W of NW corner of 4059 Ulles.

Photo 25 toward N + standard scrap (12:50)

Photo 26 toward E + NE corner of front (12:52)

~~Photo 26~~ Structure of 4059 Ulles

~~Photo 21~~

K. Dika spoke w/ Lloyd Normal of  
 4072 S. Ulles (268-1930) Mr. Normal stated  
 they used to have some pollution problem  
 from scrapyard - didn't want to complain  
 too much because the scrapyard provided  
 jobs. Now have problem w/ friendly in the  
 area (to the west) with odor + smoke that  
 covers neighborhood. Mr. Normal stated that  
 several people in the neighborhood had died  
 in last 18 mos. to 2 years, mostly cancer  
 + heart attacks.

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Sample X113 collected by J. Crause  
+ K. Dika. Removed  $-12" \times 12"$  section  
of grass (+ leaves/litter) & encountered  
dark brown foam, which was sampled  
by removing with stainless trowel  
Depth:  $\frac{1}{2}"$  to  $2"$  Time:

Sample material was transferred  
directly from trowel into sample  
jars with the dioxin jar filled first,  
followed by inorganic jar, organic  
jar + volatile jar.

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Photodocumented by M. Uebel  
Photo 27 toward N with Standard Scrap  
in background  $\sim 1:05$  pm

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Photo 28 toward S with residence  
located at 4068 S Wells

Sample X113 collected approx.  
 $6'$  N +  $6'$  E of NE corner of  
residence located at 4068 S Wells

\* Sample coolers (Org. + Inorg. X109-X115)  
and dioxin cooler sealed at  $1:15$  pm  
by M. Uebel

Sample team left site area  $1:25$  pm  
& proceeded to Weston Gulf Coast Lab in  
University Park to deliver inorganic  
& organic coolers. Dioxin cooler taken

lock to Springfield ICPA to be  
sent Fed. Express.

\* Sample X106 was discarded when it  
was decided that the information gained  
from this sample didn't justify the  
cost of analysis.

\*